

ABSTRACT

The present invention provides antimicrobials for efficient therapy of infections
5 caused by bacterial pathogens. The antimicrobials include peptides corresponding to
the active site of N-terminal extension of subunits composing specific adhesive
organelles of virulence of pathogenic bacteria. These antimicrobial peptides inhibit
surface expression of adhesive organelles and thus prevent development of infections
caused by pathogenic bacteria. The invention describes also effective methods for
10 screening molecules preventing the generation of the adhesive organelles.

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